

SUBSTITUTE FORM PTO-1449  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.  
6056-316 CT1 (189230)

SERIAL NO.  
10/660,308

APPLICANT:  
Antonio M. Goncalves

FILING DATE  
September 10, 2003

GROUP  
1753

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
an	AA	4,234,400	11/1980	Kaplan et al.	204	461	
	AB	5,180,480	1/1993	Andreas Mans	204	644	
	AC	6,139,709	10/2000	Charles B. Scott	204	619	
	AD	6,146,511	11/2000	Slater et al.	204	457	
	AE	6,454,925	9/2002	Malcanishi et al.	204	603	
an	AF	6,592,735	7/2003	Meier et al.	204	601	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
an	AG	JP 02195249A	8/1990	Japan	G01N	27/447	x	
ab	AH	JP 2001188061A	7/2001	Japan	G01N	27/447	x	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Ab. Nagherola	DATE CONSIDERED	3/22/04
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	APPLICANT: Antonio M. Goncalves, Ph.D.	
	FILING DATE Herewith	GROUP Not Yet Assigned


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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
an	AA	3,062,731	11/1962	E.L. Durrum			
	AB	3,674,678	07/1972	Post, Jr. et al.			
	AC	3,715,295	02/1973	Tocci			
	AD	3,751,357	08/1973	S.D. Rains			
	AE	3,865,712	02/1975	Davies			
	AF	3,984,298	10/1976	Haber			
	AG	4,101,401	07/1978	Hoefer			
	AH	4,111,784	09/1978	Dahms			
	AI	4,146,454	03/1979	Haber			
	AJ	4,207,166	06/1980	Dahms			
an	AK	4,391,688	07/1983	Hamelin			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
an	AL	EP 0134622	05/1984	Europe				
an	AM	JP360154150	08/1985	Japan			ABSTRACT	
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

an	AR	"Chemo-electronic Mobilization of Chemical Species in Low-Conductivity Fluids: New Electrokinetic Effect," Norman Haber, Proc. Natl. Acad. Sci. USA, Vol 79, pp. 272-276, January 1982
an	AS	"Electromolecular Propulsion (EMP): A Rapid, Simple Method for Analyzing Dyes Used in Microscopy," Norman Haber, BIOTECHNIC & HISTOCHEMISTRY, Williams & Wilkins, Vol. 73, No. 2, pp. 59-69, Feb. 3, 1998
	AT	
EXAMINER		DATE CONSIDERED
		3/22/07
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An	BA	4,414,073	11/1983	Iwata et al.			
	BB	4,415,418	11/1983	Turre et al.			
	BC	4,693,804	09/1987	Serwer			
	BD	4,699,680	10/1987	Shiraishi et al.			
	BE	4,735,697	04/1988	Burton			
	BF	4,741,814	05/1988	Mayes et al.			
	BG	4,874,490	10/1989	Hochstrasser			
	BH	4,892,639	01/1990	Sarrine et al.			
	BI	4,966,792	10/1990	Terai et al.			
	BJ	5,066,377	11/1991	Rosenbaum et al.			
An	BK	5,068,019	11/1991	Yoshida et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BL							
	BM							
	BN							
	BO							
	BP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BR	
BS	
BT	
EXAMINER <i>Albert Neguerola</i>	DATE CONSIDERED 3/22/07
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>CU</i>	CA	5,106,477	04/1992	Coleman			
	CB	5,147,522	09/1992	Sarrine			
	CC	5,190,629	03/1993	Sugihara et al.			
	CD	5,228,970	07/1993	Foley			
	CE	5,411,657	05/1995	Leka			
	CF	5,441,104	08/1995	Ehr et al.			
	CG	5,458,760	10/1995	Kozulic			
	CH	5,464,521	11/1995	Bellon			
	CI	5,472,589	12/1995	Jacobs			
	CJ	5,543,023	08/1996	Lugojan			
<i>CU</i>	CK	5,569,369	10/1996	Leffler et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CL							
	CM							
	CN							
	CO							
	CP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CR	
CS	
CT	
EXAMINER	<i>Alb. Noyes</i>
DATE CONSIDERED	<i>3/22/07</i>
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CA	DA	5,582,702	12/1996	Cabilly et al.			
	DB	5,637,202	06/1997	Harrington et al.			
	DC	5,637,203	06/1997	Sarrine			
	DD	5,709,788	01/1998	Chen			
	DE	5,736,022	04/1998	Axelsson			
	DF	5,827,418	10/1998	Haven et al.			
	DG	5,858,189	01/1999	Williams			
	DH	5,865,974	02/1999	Cabilly et al.			
	DI	5,865,975	02/1999	Bishop			
	DJ	5,888,369	03/1999	Tippins et al.			
CA	DK	5,972,188	10/1999	Rice et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	DL							
	DM							
	DN							
	DO							
	DP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	DR	
	DS	
	DT	

EXAMINER

Albert Nequero

DATE CONSIDERED

3/22/04

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